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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/597,517

DATE: 12/06/2001

TIME: 19:04:11

Input Set : N:\Crif3\RULE60\09597517.raw

Output Set: N:\CRF3\12062001\I597517.raw

SEQUENCE LISTING

ENTERED

3 (1) GENERAL INFORMATION:  
 5 (i) APPLICANT: KUBERASAMPATH, THANGAVEL  
 6 PANG, ROY HL  
 7 OPPERMAN, HERMANN  
 8 RUEGER, DAVID C  
 9 COHEN, CHARLES M  
 10 OZKAYNAK, ENGIN  
 11 SMART, JOHN E  
 13 (ii) TITLE OF INVENTION: MORPHOGEN-INDUCED MODULATION OF  
 14 INFLAMMATORY RESPONSE  
 16 (iii) NUMBER OF SEQUENCES: 33  
 18 (iv) CORRESPONDENCE ADDRESS:  
 19 (A) ADDRESSEE: CREATIVE BIOMOLECULES, INC.  
 20 (B) STREET: 35 SOUTH STREET  
 21 (C) CITY: HOPKINTON  
 22 (D) STATE: MA  
 23 (E) COUNTRY: USA  
 24 (F) ZIP: 01748  
 26 (v) COMPUTER READABLE FORM:  
 27 (A) MEDIUM TYPE: Floppy disk  
 28 (B) COMPUTER: IBM PC compatible  
 29 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
 30 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25  
 32 (vi) CURRENT APPLICATION DATA:  
 C--> 33 (A) APPLICATION NUMBER: US/09/597,517  
 C--> 34 (B) FILING DATE: 20-Jun-2000  
 35 (C) CLASSIFICATION:  
 51 (vii) PRIOR APPLICATION DATA:  
 38 (A) APPLICATION NUMBER: US/08/445,467  
 39 (B) FILING DATE:  
 40 (A) APPLICATION NUMBER: US/08/165,511  
 41 (B) FILING DATE:  
 42 (A) APPLICATION NUMBER: US/07/938,336  
 43 (B) FILING DATE:  
 44 (A) APPLICATION NUMBER: US 07/667,274  
 45 (B) FILING DATE: 11-MAR-1991  
 48 (A) APPLICATION NUMBER: US 07/753,059  
 49 (B) FILING DATE: 30-AUG-1991  
 52 (A) APPLICATION NUMBER: US 07/752,764  
 53 (B) FILING DATE: 30-AUG-1991  
 55 (viii) ATTORNEY/AGENT INFORMATION:  
 56 (A) NAME: PITCHER ESQ, EDMUND R  
 57 (B) REGISTRATION NUMBER: 27,829  
 58 (C) REFERENCE/DOCKET NUMBER: CRP-059CP.APP  
 60 (ix) TELECOMMUNICATION INFORMATION:  
 61 (A) TELEPHONE: 617/248-7000

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62          (B) TELEFAX: 617/248-7100
65 (2) INFORMATION FOR SEQ ID NO: 1:
67   (i) SEQUENCE CHARACTERISTICS:
68       (A) LENGTH: 97 amino acids
69       (B) TYPE: amino acid
70       (C) STRANDEDNESS: single
71       (D) TOPOLOGY: linear
73   (ii) MOLECULE TYPE: protein
76   (ix) FEATURE:
77       (A) NAME/KEY: Protein
78       (B) LOCATION: 1..97
79       (D) OTHER INFORMATION: /label= GENERIC-SEQ1
80 /note= "WHEREIN EACH XAA INDEPENDENTLY INDICATES
81 ONE OF THE 20 NATURALLY-OCCURRING L-ISOMER, A-AMINO
82 ACIDS, OR A DERIVATIVE THEREOF."
85   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
W--> 87   Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
88       1           5           10          15
W--> 90   Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa
91       20          25          30
W--> 93   Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
94       35          40          45
W--> 96   Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Cys Xaa Xaa
97       50          55          60
W--> 99   Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
100      65          70          75          80
W--> 102  Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Cys
103          85          90          95
W--> 105  Xaa
108 (2) INFORMATION FOR SEQ ID NO: 2:
110   (i) SEQUENCE CHARACTERISTICS:
111       (A) LENGTH: 97 amino acids
112       (B) TYPE: amino acid
113       (C) STRANDEDNESS: single
114       (D) TOPOLOGY: linear
116   (ii) MOLECULE TYPE: protein
119   (ix) FEATURE:
120       (A) NAME/KEY: Protein
121       (B) LOCATION: 1..97
122       (D) OTHER INFORMATION: /label= GENERIC-SEQ2
123 /note= "WHEREIN EACH XAA INDEPENDENTLY INDICATES
124 ONE OF THE 20 NATURALLY OCCURRING L-ISOMER A-AMINO
125 ACIDS, OR A DERIVATIVE THEREOF."
128   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
W--> 130  Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
131       1           5           10          15
W--> 133  Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Cys Xaa Xaa Xaa
134       20          25          30
W--> 136  Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

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137          35          40          45
W--> 139      Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Cys Xaa Xaa
140          50          55          60
W--> 142      Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
143          65          70          75          80
W--> 145      Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Cys
146          85          90          95
W--> 148      Xaa
151 (2) INFORMATION FOR SEQ ID NO: 3:
153 (i) SEQUENCE CHARACTERISTICS:
154 (A) LENGTH: 97 amino acids
155 (B) TYPE: amino acid
156 (C) STRANDEDNESS: single
157 (D) TOPOLOGY: linear
159 (ii) MOLECULE TYPE: protein
162 (ix) FEATURE:
163 (A) NAME/KEY: Protein
164 (B) LOCATION: 1..97
165 (D) OTHER INFORMATION: /label= GENERIC-SEQ3
166 /note= "WHEREIN EACH XAA IS INDEPENDENTLY SELECTED
167 FROM A GROUP OF ONE OR MORE SPECIFIED AMINO ACIDS
168 AS DEFINED IN THE SPECIFICATION."
171 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
W--> 173      Leu Tyr Val Xaa Phe Xaa Xaa Xaa Gly Trp Xaa Xaa Trp Xaa Xaa Ala
174          1          5          10          15
W--> 176      Pro Xaa Gly Xaa Xaa Ala Xaa Tyr Cys Xaa Gly Xaa Cys Xaa Xaa Pro
177          20          25          30
W--> 179      Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asn His Ala Xaa Xaa Xaa Xaa Leu
180          35          40          45
W--> 182      Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Cys Xaa Pro
183          50          55          60
W--> 185      Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
186          65          70          75          80
W--> 188      Val Xaa Leu Xaa Xaa Xaa Xaa Xaa Met Xaa Val Xaa Xaa Cys Gly Cys
189          85          90          95
W--> 191      Xaa
194 (2) INFORMATION FOR SEQ ID NO: 4:
196 (i) SEQUENCE CHARACTERISTICS:
197 (A) LENGTH: 102 amino acids
198 (B) TYPE: amino acid
199 (C) STRANDEDNESS: single
200 (D) TOPOLOGY: linear
202 (ii) MOLECULE TYPE: protein
205 (ix) FEATURE:
206 (A) NAME/KEY: Protein
207 (B) LOCATION: 1..102
208 (D) OTHER INFORMATION: /label= GENERIC-SEQ4
209 /note= "WHEREIN EACH XAA IS INDEPENDENTLY SELECTED
210 FROM A GROUP OF ONE OR MORE SPECIFIED AMINO ACIDS

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211 AS DEFINED IN THE SPECIFICATION."

214 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

W--> 216 Cys Xaa Xaa Xaa Xaa Leu Tyr Val Xaa Phe Xaa Xaa Xaa Gly Trp Xaa  
 217 1 5 10 15  
 W--> 219 Xaa Trp Xaa Xaa Ala Pro Xaa Gly Xaa Xaa Ala Xaa Tyr Cys Xaa Gly  
 220 20 25 30  
 W--> 222 Xaa Cys Xaa Xaa Pro Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asn His Ala  
 223 35 40 45  
 W--> 225 Xaa Xaa Xaa Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 226 50 55 60  
 W--> 228 Xaa Cys Cys Xaa Pro Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa Xaa  
 229 65 70 75 80  
 W--> 231 Xaa Xaa Xaa Xaa Xaa Val Xaa Leu Xaa Xaa Xaa Xaa Xaa Met Xaa Val  
 232 85 90 95  
 W--> 234 Xaa Xaa Cys Gly Cys Xaa  
 235 100

237 (2) INFORMATION FOR SEQ ID NO: 5:

239 (i) SEQUENCE CHARACTERISTICS:

240 (A) LENGTH: 139 amino acids

241 (B) TYPE: amino acid

242 (C) STRANDEDNESS: single

243 (D) TOPOLOGY: linear

245 (ii) MOLECULE TYPE: protein

247 (vi) ORIGINAL SOURCE:

248 (A) ORGANISM: Homo sapiens

249 (F) TISSUE TYPE: HIPPOCAMPUS

251 (ix) FEATURE:

252 (A) NAME/KEY: Protein

253 (B) LOCATION: 1..139

254 (D) OTHER INFORMATION: /label= hOP1-MATURE

257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

259 Ser Thr Gly Ser Lys Gln Arg Ser Gln Asn Arg Ser Lys Thr Pro Lys  
 260 1 5 10 15  
 262 Asn Gln Glu Ala Leu Arg Met Ala Asn Val Ala Glu Asn Ser Ser Ser  
 263 20 25 30  
 265 Asp Gln Arg Gln Ala Cys Lys Lys His Glu Leu Tyr Val Ser Phe Arg  
 266 35 40 45  
 268 Asp Leu Gly Trp Gln Asp Trp Ile Ile Ala Pro Glu Gly Tyr Ala Ala  
 269 50 55 60  
 271 Tyr Tyr Cys Glu Gly Glu Cys Ala Phe Pro Leu Asn Ser Tyr Met Asn  
 272 65 70 75 80  
 274 Ala Thr Asn His Ala Ile Val Gln Thr Leu Val His Phe Ile Asn Pro  
 275 85 90 95  
 277 Glu Thr Val Pro Lys Pro Cys Cys Ala Pro Thr Gln Leu Asn Ala Ile  
 278 100 105 110  
 280 Ser Val Leu Tyr Phe Asp Asp Ser Ser Asn Val Ile Leu Lys Lys Tyr  
 281 115 120 125  
 283 Arg Asn Met Val Val Arg Ala Cys Gly Cys His  
 284 130 135

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Input Set : N:\Crf3\RULE60\09597517.raw

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## 286 (2) INFORMATION FOR SEQ ID NO: 6:

## 288 (i) SEQUENCE CHARACTERISTICS:

289 (A) LENGTH: 139 amino acids

290 (B) TYPE: amino acid

291 (C) STRANDEDNESS: single

292 (D) TOPOLOGY: linear

294 (ii) MOLECULE TYPE: protein

296 (vi) ORIGINAL SOURCE:

297 (A) ORGANISM: MURIDAE

298 (F) TISSUE TYPE: EMBRYO

300 (ix) FEATURE:

301 (A) NAME/KEY: Protein

302 (B) LOCATION: 1..139

303 (D) OTHER INFORMATION: /label= MOP1-MATURE

306 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

```

308 Ser Thr Gly Gly Lys Gln Arg Ser Gln Asn Arg Ser Lys Thr Pro Lys
309 1 5 10 15
311 Asn Gln Glu Ala Leu Arg Met Ala Ser Val Ala Glu Asn Ser Ser Ser
312 20 25 30
314 Asp Gln Arg Gln Ala Cys Lys Lys His Glu Leu Tyr Val Ser Phe Arg
315 35 40 45
316 Asp Leu Gly Trp Gln Asp Trp Ile Ile Ala Pro Glu Gly Tyr Ala Ala
317 50 55 60
319 Tyr Tyr Cys Glu Gly Glu Cys Ala Phe Pro Leu Asn Ser Tyr Met Asn
320 65 70 75 80
322 Ala Thr Asn His Ala Ile Val Gln Thr Leu Val His Phe Ile Asn Pro
323 85 90 95
325 Asp Thr Val Pro Lys Pro Cys Cys Ala Pro Thr Gln Leu Asn Ala Ile
326 100 105 110
328 Ser Val Leu Tyr Phe Asp Asp Ser Ser Asn Val Ile Leu Lys Lys Tyr
329 115 120 125
331 Arg Asn Met Val Val Arg Ala Cys Gly Cys His
332 130 135

```

## 334 (2) INFORMATION FOR SEQ ID NO: 7:

## 336 (i) SEQUENCE CHARACTERISTICS:

337 (A) LENGTH: 139 amino acids

338 (B) TYPE: amino acid

339 (C) STRANDEDNESS: single

340 (D) TOPOLOGY: linear

342 (ii) MOLECULE TYPE: protein

344 (vi) ORIGINAL SOURCE:

345 (A) ORGANISM: HOMO SAPIENS

346 (F) TISSUE TYPE: HIPPOCAMPUS

348 (ix) FEATURE:

349 (A) NAME/KEY: Protein

350 (B) LOCATION: 1..139

351 (D) OTHER INFORMATION: /label= HOP2-MATURE

354 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

356 Ala Val Arg Pro Leu Arg Arg Arg Gln Pro Lys Lys Ser Asn Glu Leu

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DATE: 12/06/2001

PATENT APPLICATION: US/09/597,517

TIME: 19:04:12

Input Set : N:\Crf3\RULE60\09597517.raw

Output Set: N:\CRF3\12062001\I597517.raw

L:33 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:34 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:87 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:93 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:751 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:755 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:759 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:763 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:767 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:771 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:775 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:779 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:783 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:787 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:791 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:795 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:799 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:803 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:807 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:811 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:815 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16

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PATENT APPLICATION: US/09/597,517

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Input Set : N:\Crf3\RULE60\09597517.raw

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L:819 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:823 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:827 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:831 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:835 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:839 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:843 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:847 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:16  
L:998 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1002 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1006 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1010 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1014 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1018 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1022 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1026 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1030 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1034 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1038 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1042 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1046 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1050 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1054 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1058 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1062 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1066 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1070 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1074 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1078 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1082 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1086 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1090 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:1094 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:18  
L:2059 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:2062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:2065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:2068 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:2071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:2074 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:2077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:2102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:2105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:2108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:2111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:2114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:2117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:2120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:2145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:2148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31

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Input Set : N:\Crf3\RULE60\09597517.raw

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L:2151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:2154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:2157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:2160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:2163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31